

FIG. 1

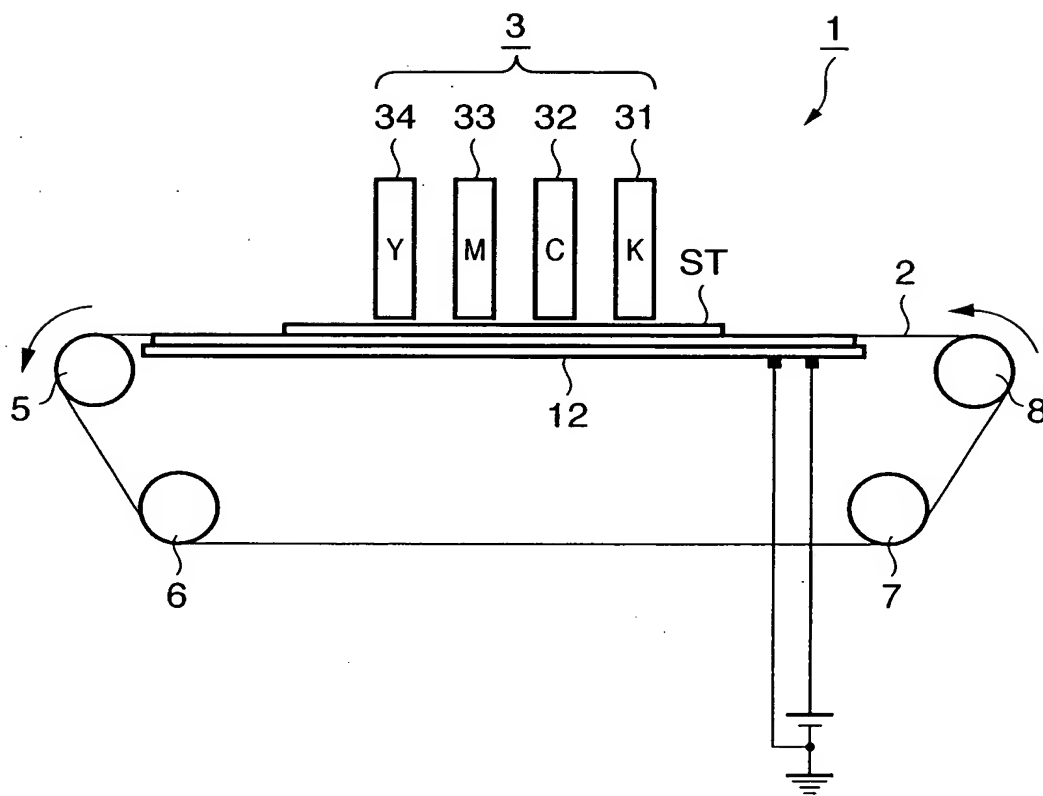


FIG. 2A

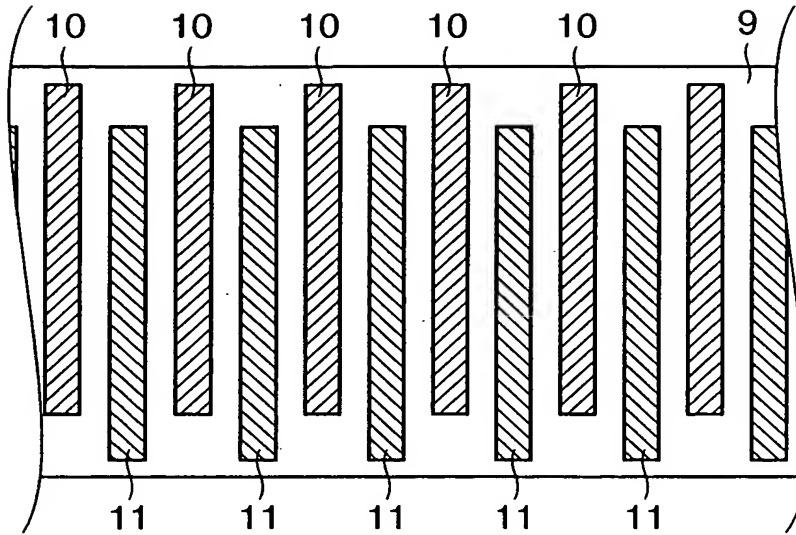


FIG. 2B

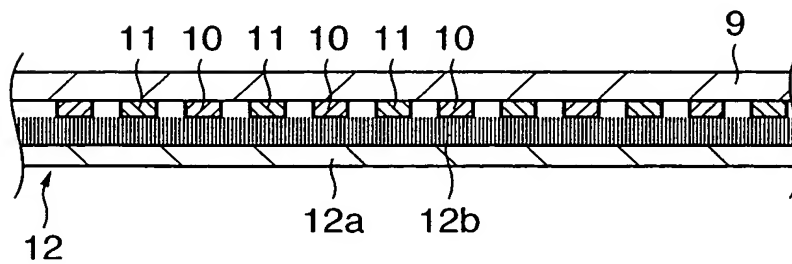


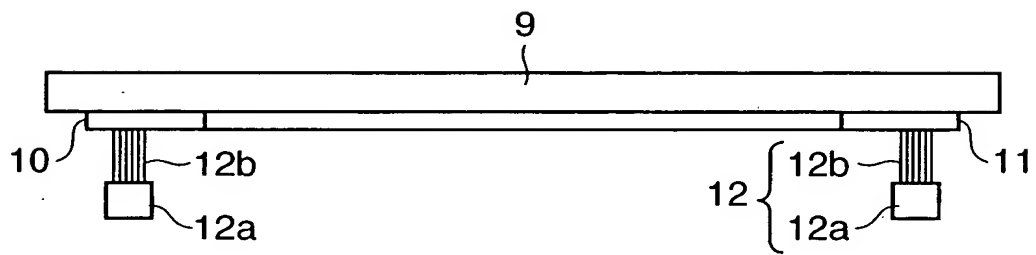
FIG. 3

FIG. 4

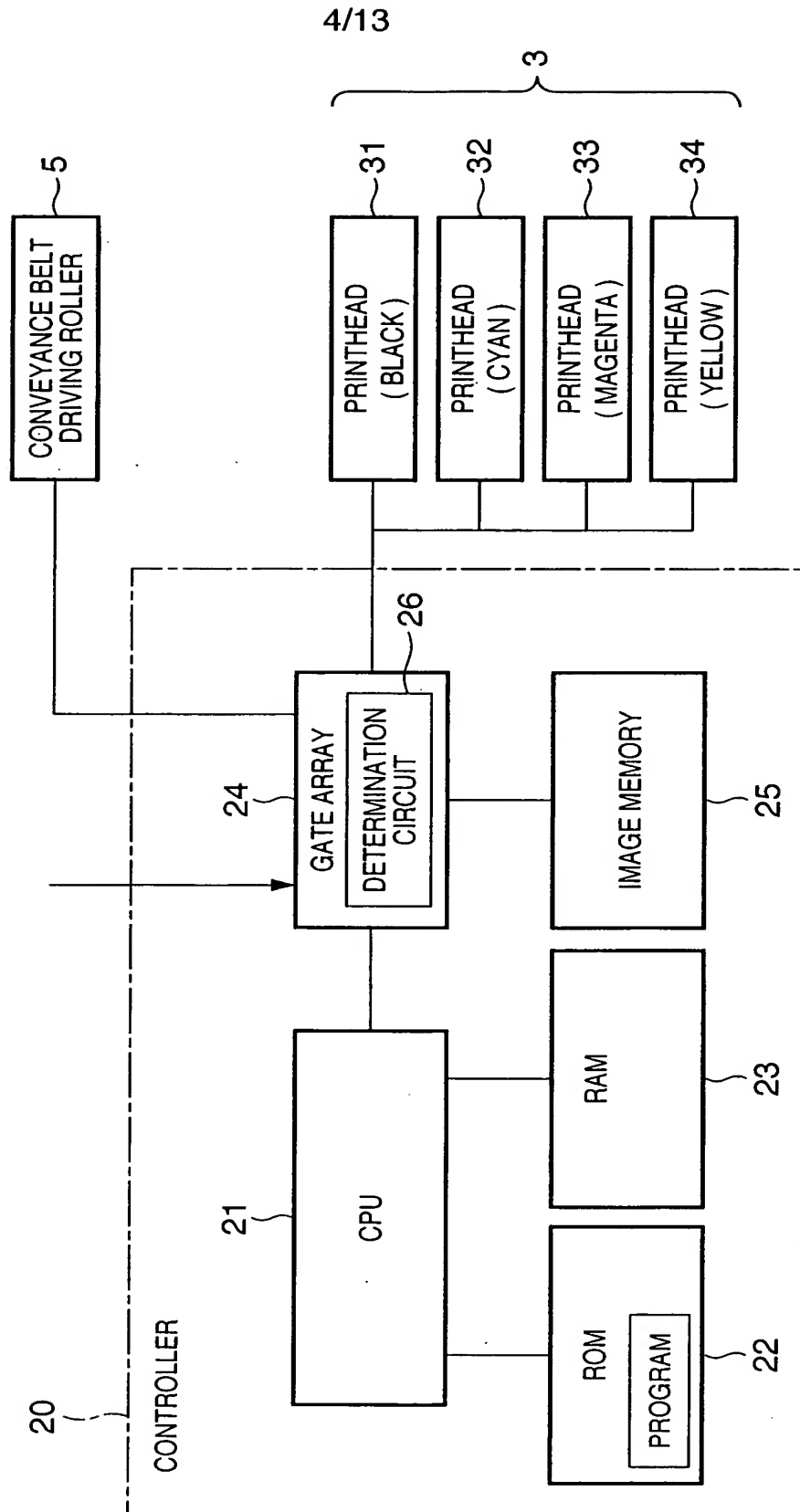


FIG. 5

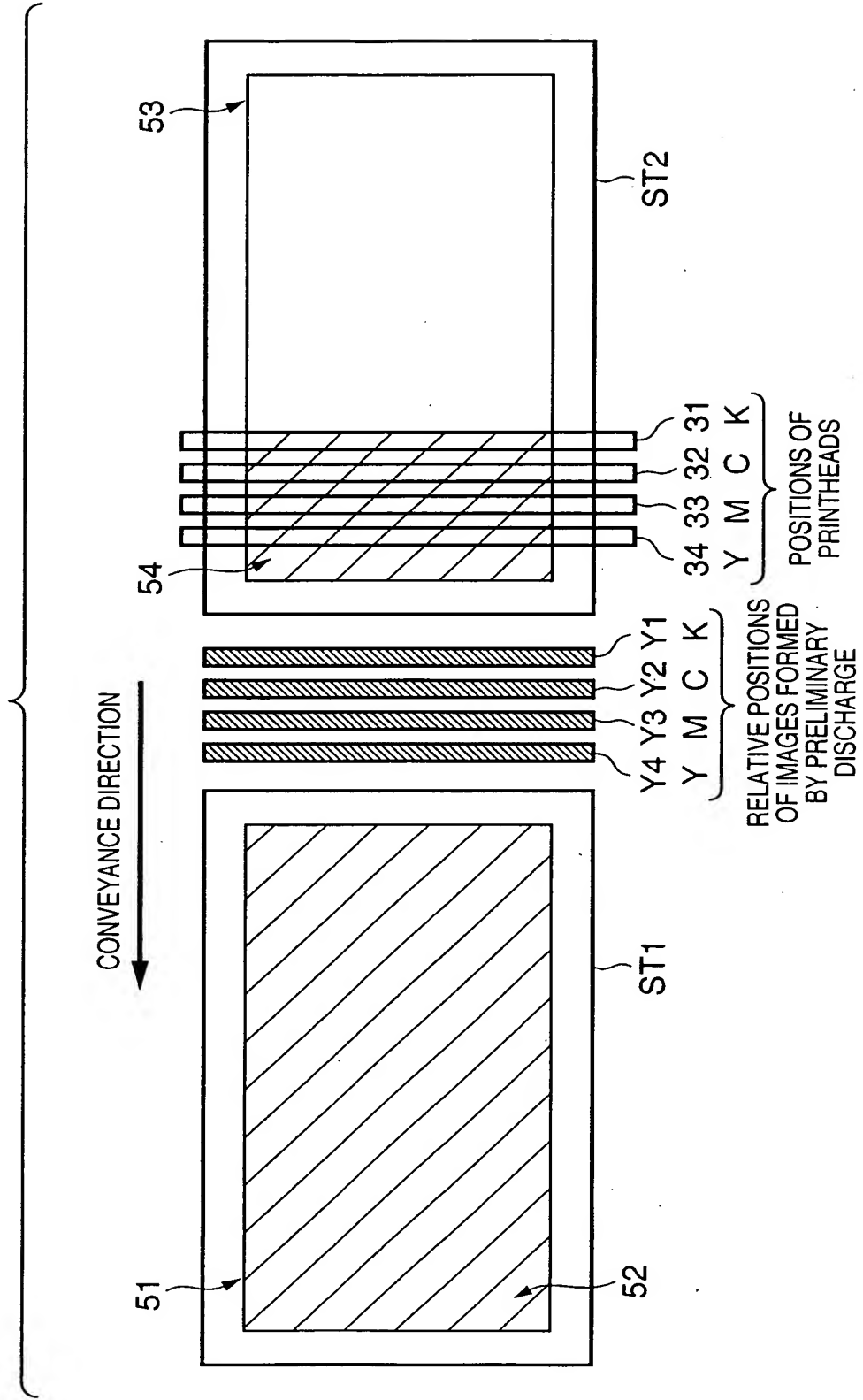
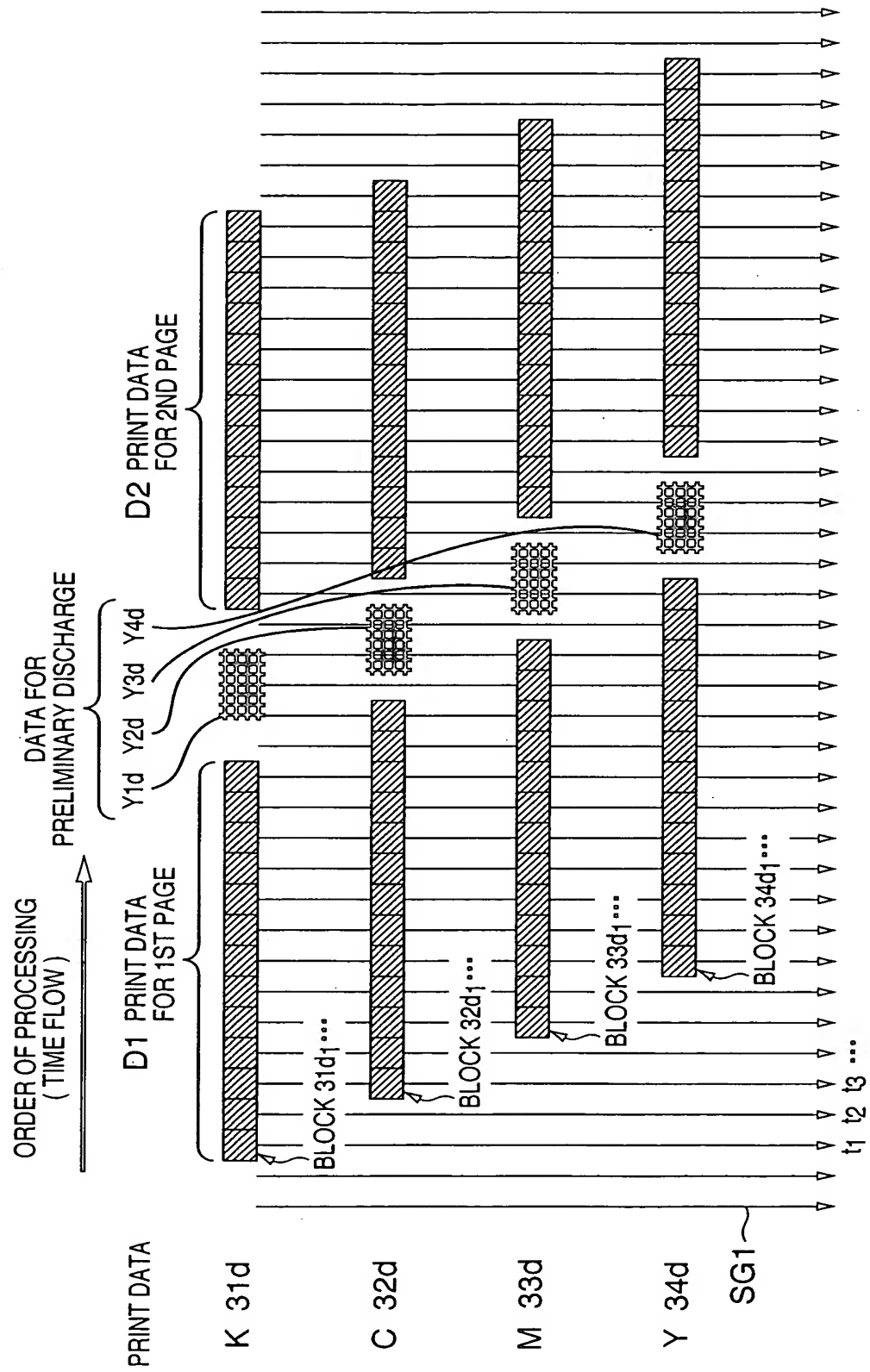


FIG. 6A



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FIG.
6B

FIG. 6B

TIME	NUMBER OF PRINTING ELEMENT SGI (SGI = LK + LC + LM + LY)					NUMBER OF PRINTING ELEMENTS FOR PRELIMINARY DISCHARGE
	NUMBER LK OF K PRINTING ELEMENTS	NUMBER LC OF C PRINTING ELEMENTS	NUMBER LM OF M PRINTING ELEMENTS	NUMBER LY OF Y PRINTING ELEMENTS		
t ₁	31d ₁					
t ₂	31d ₂					
t ₃	31d ₃	32d ₁				
t ₄	31d ₄	32d ₂				
t ₅	31d ₅	32d ₃	33d ₁			
t ₆	31d ₆	32d ₄	33d ₂			
t ₇	31d ₇	32d ₅	33d ₃	34d ₁		
t ₈	31d ₈	32d ₆	33d ₄	34d ₂		
t ₉	31d ₉	32d ₇	33d ₅	34d ₃		
t ₁₀	31d ₁₀	32d ₈	33d ₆	34d ₄		
t ₁₁	31d ₁₁	32d ₉	33d ₇	34d ₅		
t ₁₂	31d ₁₂	32d ₁₀	33d ₈	34d ₆		
t ₁₃	31d ₁₃	32d ₁₁	33d ₉	34d ₇		
t ₁₄		32d ₁₂	33d ₁₀	34d ₈		
t ₁₅		32d ₁₃	33d ₁₁	34d ₉	Y _{1d}	PRELIMINARY DISCHARGE BETWEEN 1ST PAGE AND 2ND PAGE
t ₁₆			33d ₁₂	34d ₁₀	Y _{1d}	
t ₁₇			33d ₁₃	34d ₁₁	Y _{2d}	
t ₁₈	31d ₁			34d ₁₂	Y _{2d}	
t ₁₉	31d ₂			34d ₁₃	Y _{3d}	
t ₂₀	31d ₃	32d ₁			Y _{3d}	
t ₂₁	31d ₄	32d ₂			Y _{4d}	
t ₂₂	31d ₅	32d ₃	33d ₁		Y _{4d}	
t ₂₃	31d ₆	32d ₄	33d ₂			
t ₂₄	31d ₇	32d ₅	33d ₃	34d ₁		
t ₂₅	31d ₈	32d ₆	33d ₄	34d ₂		
t ₂₆	31d ₉	32d ₇	33d ₅	34d ₃		
t ₂₇	31d ₁₀	32d ₈	33d ₆	34d ₄		
t ₂₈	31d ₁₁	32d ₉	33d ₇	34d ₅		
t ₂₉	31d ₁₂	32d ₁₀	33d ₈	34d ₆		
t ₃₀	31d ₁₃	32d ₁₁	33d ₉	34d ₇		
t ₃₁		32d ₁₂	33d ₁₀	34d ₈		
t ₃₂		32d ₁₃	33d ₁₁	34d ₉		
t ₃₃			33d ₁₂	34d ₁₀		
⋮			⋮	⋮		

PRINT-
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FOR
1ST
PAGE
(Y)

PRINT-
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FOR
2ND
PAGE
(Y)

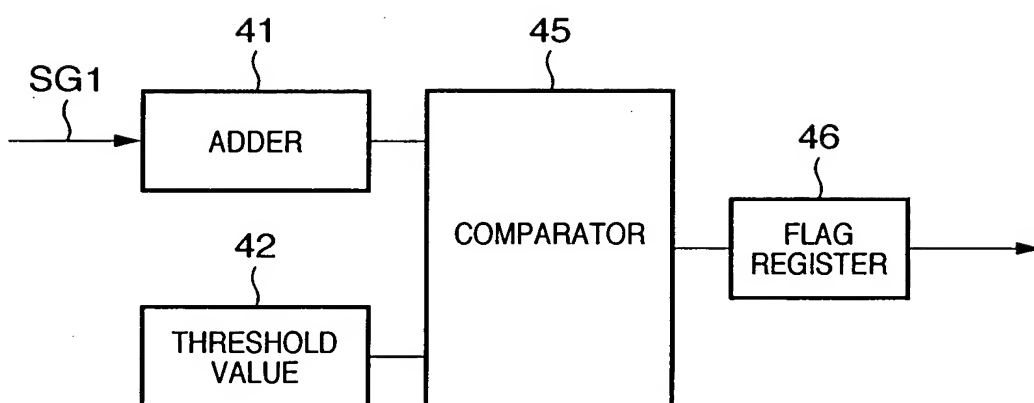
FIG. 6C

FIG. 7

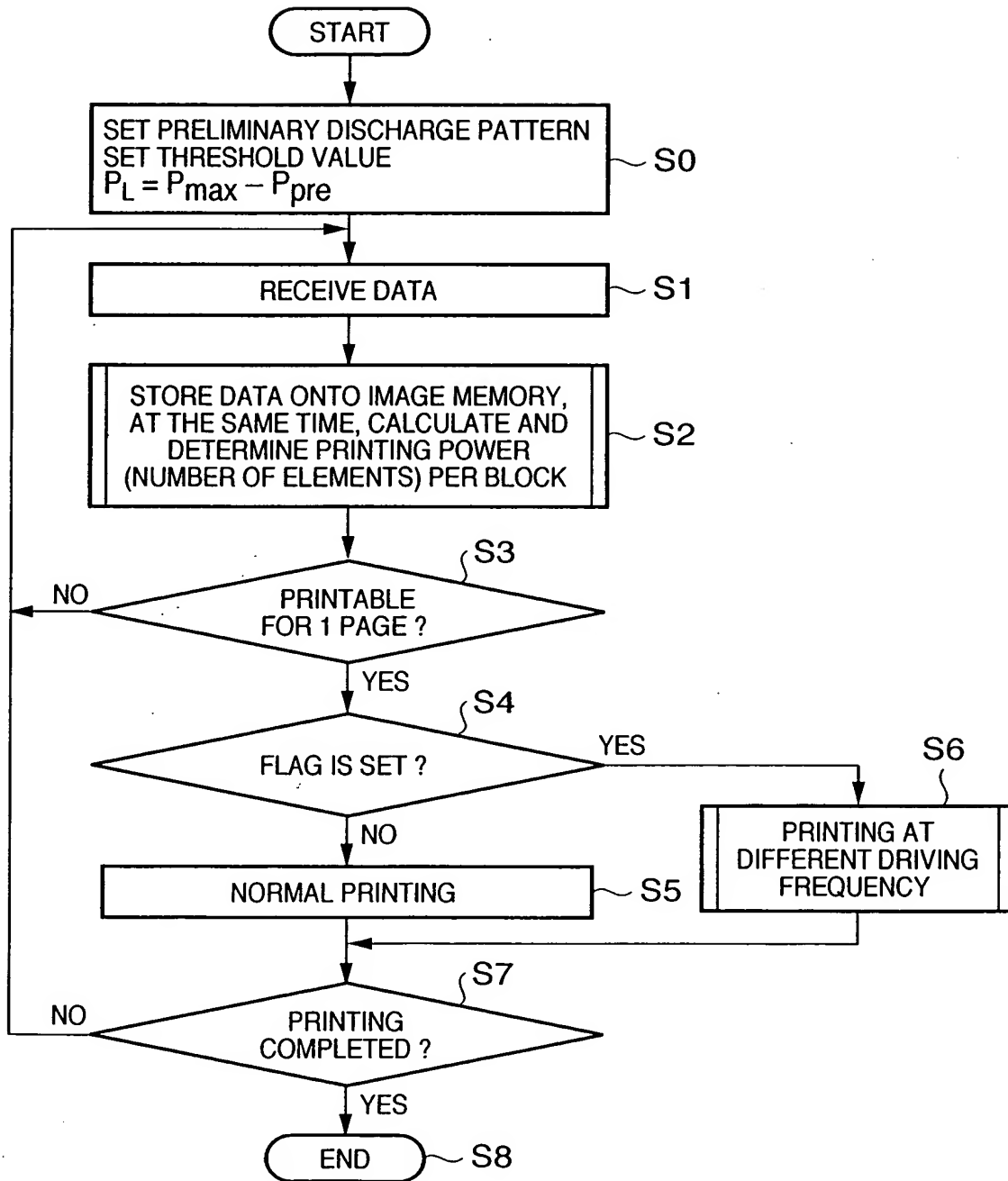


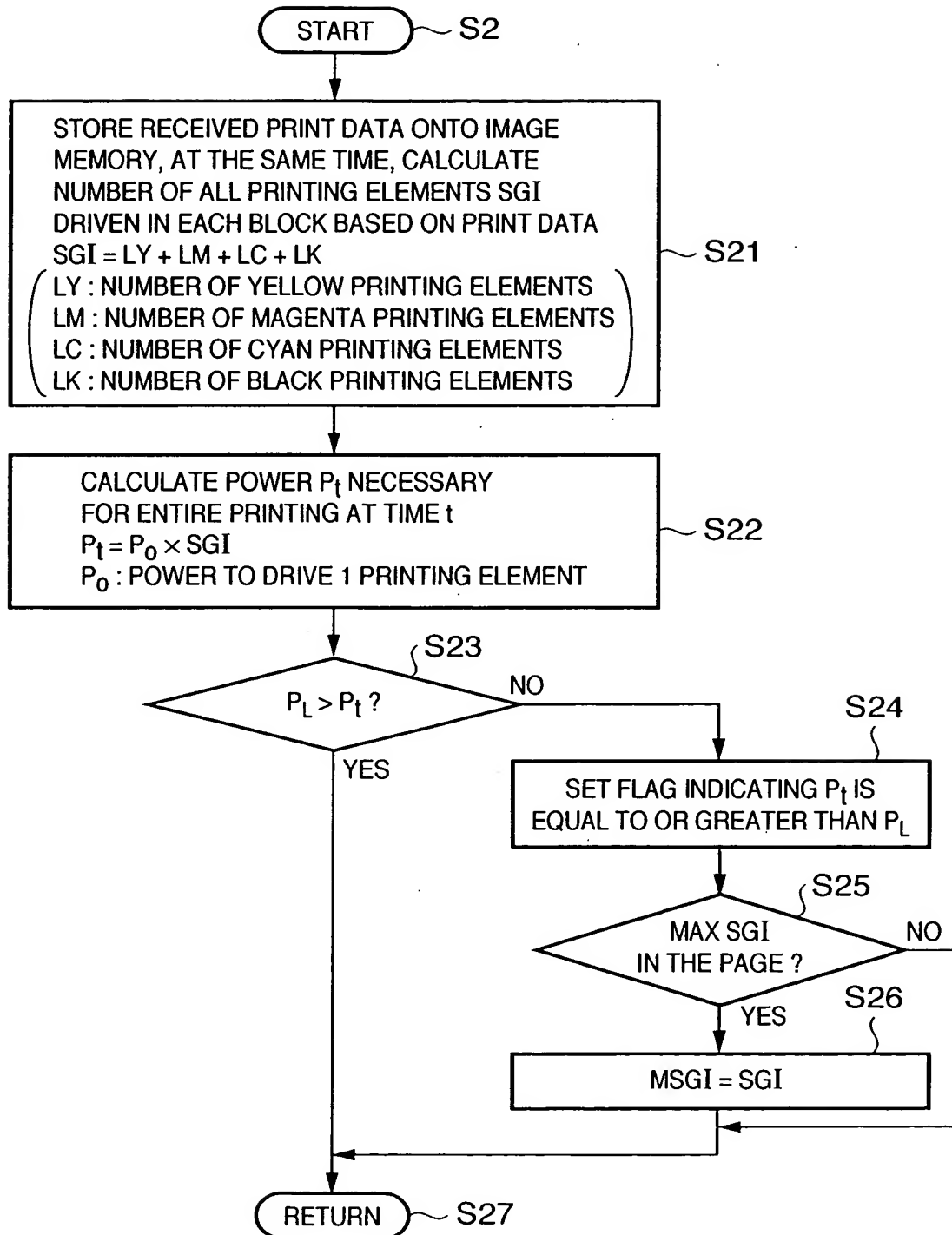
FIG. 8

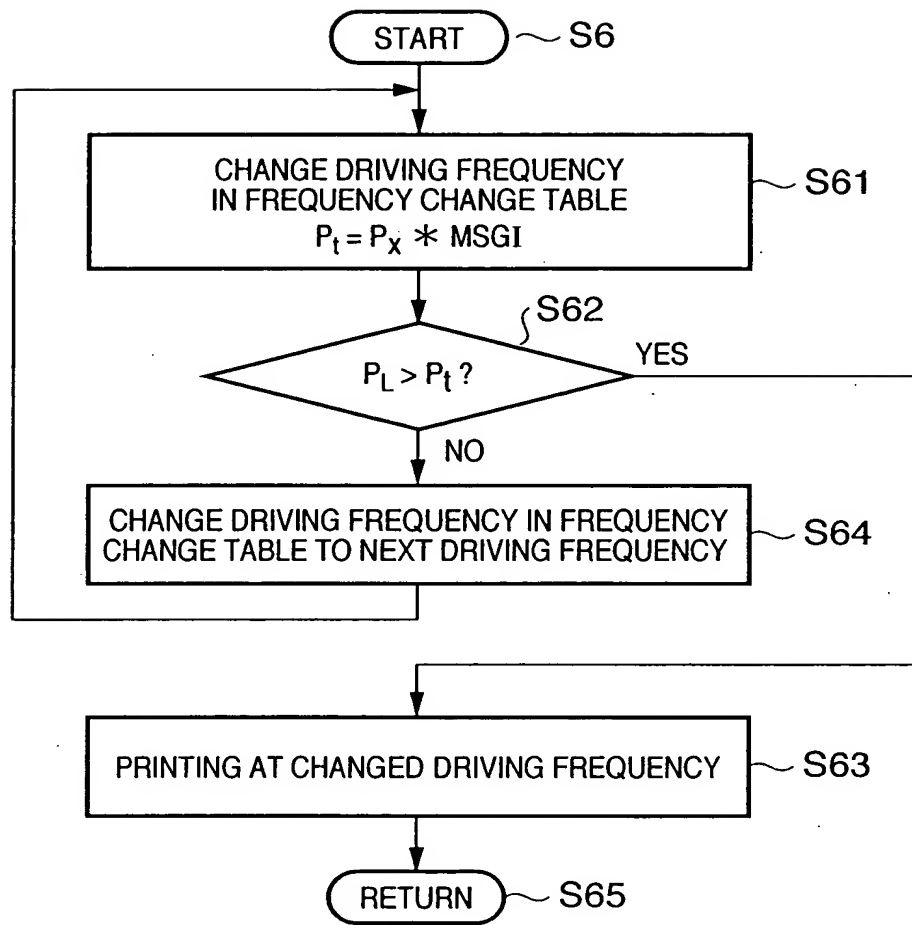
FIG. 9

FIG. 10

PATTERN	PRELIMINARY DISCHARGE PROFILE	PRELIMINARY DISCHARGE POWER P_{pre}
1	DISCHARGE FROM ONLY ODD-NUMBERED PRINTING ELEMENTS	P_1
2	DISCHARGE FROM ONLY EVEN-NUMBERED PRINTING ELEMENTS	P_2
3	DISCHARGE FROM ALL PRINTING ELEMENTS	P_3
\vdots	\vdots	\vdots
n	XXX	XXX

FIG. 11

NUMBER	DRIVING FREQUENCY (Hz)	DRIVING POWER (w)
1	XXX	P ₁
2	XXX	P ₂
3	XXX	P ₃
⋮	⋮	⋮
n	XXX	XXX